

Amador Water Agency
Emergency Handbook
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(As of July 2009)

State and Local Contacts Community Notification Plan

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(Updates should be sent to Jacqueline Mercado at ext: 5254)

I. Emergency Notification Plan

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility Amador Water Agency	System No.: 0310003
System and Location: Tanner Water Treatment Plant 12800 Ridge Rd. Sutter Creek, CA 95685	

The following person(s) have been designated to implement the plan upon notification by the California Department of Public Health that an imminent danger to the health of the water user exists:

Name	Title	Telephone-Day & E-mail Address	Telephone-Night
1.Chris McKeage	Operations Manager	209-257-5248 cmckeage@amadorwater.org	209-267-5090
2.Doug Yardley	Water Production Supervisor	209-257-5233 dyardley@amadorwater.org	209-267-1243
3.Barry Birge	Construction and Distribution Manager	209-257-5252 bbirge@amadorwater.org	209-296-5524

STATE HEALTH DEPARTMENT PERSONNEL TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1. Carl Carlucci	Regional Engineer	559-447-3132	559-280-6363
2. David Remick	Sanitary Engineer	209-948-3878	209-523-1503
3. Tahir Mansoor	Sanitary Engineer	209-948-3879	916-714-5383
4. Bhupinder Sahota	Sanitary Engineer	209-948-3881	209-952-0952
5. Susie Lim	Sanitary Engineer	209-948-3882	916-456-8469

If the above personnel cannot be reached contact: Office of Emergency Services (24 Hrs.) @ 1-800-852-7550 or (916) 845-8911. Ask for California Dept. of Public Health Duty Officer.

COUNTY HEALTH DEPARTMENT TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1.Michael Israel	Director	209-223-6439	209-223-3821
2.Dr. Hartmann	Public Health Officer	209-223-6407	209-223-6500 Sheriff's Dept.
3. Lori Jagoda	Public Health Nurse	209-223-6407	209-223-6500 Sheriff's Dept.

NOTIFICATION PLAN

Describe methods or combinations of methods to be used (radio, television, door-to-door, sound truck, etc.) For each section of your plan give an estimate of the time required, necessary personnel, estimated coverage, etc. Consideration must be given to special organizations, particularly non-English speaking groups and outlying water users. (Use another sheet of paper if necessary.)

Please use this area for your notification plan: (use additional sheets of paper if needed)

Emergency communication methods include the following:

1. Radio local KNGT (209) 223-0241 or (209)754-3745 and Local TV TSPN 209-223-4877 immediately available 0-15 minutes.
2. Door to Door and or by loudspeaker- verbal communication or written door tags / immediately available 0-2 hours.
3. Notify Local Law Enforcement – Amador County Sheriff (209)223-6500 24/7 immediately available.
4. Extreme Cases would utilize a variety of Sacramento Radio and TV Stations:

ABC KXTV Channel 10- (916) 321-3300
NBC KCRA Channel 3- (916) 444-7316
CBS KQVR Channel 13- (916-374-7313
5. Other resources would include our office staff at (209) 223-3018 and our answering service-Volcano Telephone at (209) 296-6518.

Report prepared by:

Signature and Title

Operations Manager

Date

7/16/10

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility Amador Water Agency	System No.: 0310021
System and Location: Lake Camanche Water Treatment Plant 2901 Camanche Rd. Ione, CA 95640	

The following person(s) have been designated to implement the plan upon notification by the California Department of Public Health that an imminent danger to the health of the water user exists:

Name	Title	Telephone-Day & E-mail Address	Telephone-Night
1. Chris McKeage	Operations Manager	209-257-5248 cmckeage@amadorwater.org	209-267-5090
2. Doug Yardley	Water Production Supervisor	209-257-5233 dyardley@amadorwater.org	209-267-1243
3. Barry Birge	Construction and Distribution Manager	209-257-5252 bbirge@amadorwater.org	209-296-5524

STATE HEALTH DEPARTMENT PERSONNEL TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1. Carl Carlucci	Regional Engineer	559-447-3132	559-280-6363
2. David Remick	Sanitary Engineer	209-948-3878	209-523-1503
3. Tahir Mansoor	Sanitary Engineer	209-948-3879	916-714-5383
4. Bhupinder Sahota	Sanitary Engineer	209-948-3881	209-952-0952
5. Susie Lim	Sanitary Engineer	209-948-3882	916-456-8469

If the above personnel cannot be reached contact: Office of Emergency Services (24 Hrs.) @ 1-800-852-7550 or (916) 845-8911. Ask for California Dept. of Public Health Duty Officer.

COUNTY HEALTH DEPARTMENT TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1. Michael Israel	Director	209-223-6439	209-223-3821
2. Dr. Hartmann	Public Health Officer	209-223-6407	209-223-6500 Sheriff's Dept.
3. Lori Jagoda	Public Health Nurse	209-223-6407	209-223-6500 Sheriff's Dept.

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Please use this area for your notification plan: (use additional sheets of paper if needed)

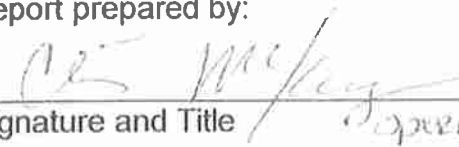
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3. Notify Local Law Enforcement – Amador County Sheriff (209)223-6500 24/7 immediately available.
4. Extreme Cases would utilize a variety of Sacramento Radio and TV Stations:

ABC KXTV Channel 10- (916) 321-3300
NBC KCRA Channel 3- (916) 444-7316
CBS KQVR Channel 13- (916)374-7313
5. Other resources would include our office staff at (209) 223-3018 and our answering service-Volcano Telephone at (209) 296-6518.

Report prepared by:

Signature and Title


OPERATIONS MANAGER

Date

7/16/10

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility Amador Water Agency	System No.: 0310012
System and Location: Buckhorn Water Treatment Plant 26723 Hwy 88 Pioneer, CA 95666	

The following person(s) have been designated to implement the plan upon notification by the California Department of Public Health that an imminent danger to the health of the water user exists:

Name	Title	Telephone-Day & E-mail Address	Telephone-Night
1.Chris McKeage	Operations Manager	209-257-5248 cmckeage@amadorwater.org	209-267-5090
2.Doug Yardley	Water Production Supervisor	209-257-5233 dyardley@amadorwater.org	209-267-1243
3.Barry Birge	Construction and Distribution Manager	209-257-5252 bbirge@amadorwater.org	209-296-5524

STATE HEALTH DEPARTMENT PERSONNEL TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1. Carl Carlucci	Regional Engineer	559-447-3132	559-280-6363
2. David Remick	Sanitary Engineer	209-948-3878	209-523-1503
3. Tahir Mansoor	Sanitary Engineer	209-948-3879	916-714-5383
4. Bhupinder Sahota	Sanitary Engineer	209-948-3881	209-952-0952
5. Susie Lim	Sanitary Engineer	209-948-3882	916-456-8469

If the above personnel cannot be reached contact: Office of Emergency Services (24 Hrs.) @ 1-800-852-7550 or (916) 845-8911. Ask for California Dept. of Public Health Duty Officer.

COUNTY HEALTH DEPARTMENT TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1.Michael Israel	Director	209-223-6439	209-223-3821
2.Dr. Hartmann	Public Health Officer	209-223-6407	209-223-6500 Sheriff's Dept.
3. Lori Jagoda	Public Health Nurse	209-223-6407	209-223-6500 Sheriff's Dept.

NOTIFICATION PLAN

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3. Notify Local Law Enforcement – Amador County Sheriff (209)223-6500 24/7 immediately available.
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CBS KQVR Channel 13- (916-374-7313
5. Other resources would include our office staff at (209) 223-3018 and our answering service-Volcano Telephone at (209) 296-6518.

Report prepared by:

Signature and Title

Operations Manager

Date

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility Amador Water Agency	System No.: 0310019
System and Location: LaMel Water Treatment Plant 19665 Mella Drive Volcano, CA 95689	

The following person(s) have been designated to implement the plan upon notification by the California Department of Public Health that an imminent danger to the health of the water user exists:

Name	Title	Telephone-Day & E-mail Address	Telephone-Night
1.Chris McKeage	Operations Manager	209-257-5248 cmckeage@amadorwater.org	209-267-5090
2.Doug Yardley	Water Production Supervisor	209-257-5233 dyardley@amadorwater.org	209-267-1243
3.Barry Birge	Construction and Distribution Manager	209-257-5252 bbirge@amadorwater.org	209-296-5524

STATE HEALTH DEPARTMENT PERSONNEL TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1. Carl Carlucci	Regional Engineer	559-447-3132	559-280-6363
2. David Remick	Sanitary Engineer	209-948-3878	209-523-1503
3. Tahir Mansoor	Sanitary Engineer	209-948-3879	916-714-5383
4. Bhupinder Sahota	Sanitary Engineer	209-948-3881	209-952-0952
5. Susie Lim	Sanitary Engineer	209-948-3882	916-456-8469

If the above personnel cannot be reached contact: Office of Emergency Services (24 Hrs.) @ 1-800-852-7550 or (916) 845-8911. Ask for California Dept. of Public Health Duty Officer.

COUNTY HEALTH DEPARTMENT TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1.Michael Israel	Director	209-223-6439	209-223-3821
2.Dr. Hartmann	Public Health Officer	209-223-6407	209-223-6500 Sheriff's Dept.
3. Lori Jagoda	Public Health Nurse	209-223-6407	209-223-6500 Sheriff's Dept.

NOTIFICATION PLAN

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3. Notify Local Law Enforcement – Amador County Sheriff (209)223-6500 24/7 immediately available.
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NBC KCRA Channel 3- (916) 444-7316
CBS KOVR Channel 13- (916-374-7313
5. Other resources would include our office staff at (209) 223-3018 and our answering service-Volcano Telephone at (209) 296-6518.

Report prepared by:

Signature and Title

Operations manager

Date

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility Amador Water Agency	System No.: 0310002
System and Location: lone Water Treatment Plant 521 Foothill Blvd. lone, CA 95640	

The following person(s) have been designated to implement the plan upon notification by the California Department of Public Health that an imminent danger to the health of the water user exists:

Name	Title	Telephone-Day & E-mail Address	Telephone-Night
1.Chris McKeage	Operations Manager	209-257-5248 cmckeage@amadorwater.org	209-267-5090
2.Doug Yardley	Water Production Supervisor	209-257-5233 dyardley@amadorwater.org	209-267-1243
3.Barry Birge	Construction and Distribution Manager	209-257-5252 bbirge@amadorwater.org	209-296-5524

STATE HEALTH DEPARTMENT PERSONNEL TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1. Carl Carlucci	Regional Engineer	559-447-3132	559-280-6363
2. David Remick	Sanitary Engineer	209-948-3878	209-523-1503
3. Tahir Mansoor	Sanitary Engineer	209-948-3879	916-714-5383
4. Bhupinder Sahota	Sanitary Engineer	209-948-3881	209-952-0952
5. Susie Lim	Sanitary Engineer	209-948-3882	916-456-8469

If the above personnel cannot be reached contact: Office of Emergency Services (24 Hrs.) @ 1-800-852-7550 or (916) 845-8911. Ask for California Dept. of Public Health Duty Officer.

COUNTY HEALTH DEPARTMENT TO BE NOTIFIED:

Name	Title	Telephone-Day	Telephone-Night
1.Michael Israel	Director	209-223-6439	209-223-3821
2.Dr. Hartmann	Public Health Officer	209-223-6407	209-223-6500 Sheriff's Dept.
3. Lori Jagoda	Public Health Nurse	209-223-6407	209-223-6500 Sheriff's Dept.

NOTIFICATION PLAN

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CBS KQVR Channel 13- (916-374-7313
5. Other resources would include our office staff at (209) 223-3018 and our answering service-Volcano Telephone at (209) 296-6518.

Report prepared by:

Signature and Title

Operations Manager

Date



State of California
Department of Water Resources
Division of Safety of Dams

- NOTICE -
EMERGENCY PROCEDURES

Ione Canal Dam No. 2035-0, Amador County
Latitude 38.338667 degrees North, Longitude 120.907611 degrees West
Section 32, Township 6N, Range 10E, Mount Diablo Base Meridian
Storage Capacity = 24 acre-feet

Section 6101 of Division 3 of the California Water Code requires owners of dams or reservoirs or their agents to advise the Department of Water Resources fully and promptly of any sudden or unprecedented flood or unusual or alarming circumstance or occurrence affecting the dam or reservoir.

In the event of an emergency involving your dam or reservoir (in addition to calling 911 and notifying local authorities) please notify the following:

1. During working hours:

Michael Waggoner, Chief
Field Engineering Branch
Division of Safety of Dams
2200 "X" Street, Suite 200
Sacramento, CA 95818
(916) 227-9800

2. After working hours and on weekends and holidays:

Larry B. Ford, Area 6 Engineer
530-637-4953 (home) 916-835-7064 (cell) 916-227-4621 (office)

If the Area Engineer is not reachable, contact:

Andrew J. Mangney, Central Region Engineer
530-750-0747 (home) 916-296-0189 (cell) 916-227-4631 (office)

3. If the Area Engineer or the Regional Engineer cannot be reached, call the California Emergency Management Agency at (916) 845-8911.

4. For dam emergencies that may cause downstream flooding, contact the National Weather Service:

NWS Sacramento @ 916-979-3049

FOR OFFICIAL USE ONLY

THIS NOTICE MUST BE KEPT IN A CONVENIENT PLACE
(preferably near the telephone for use in an emergency at or near the dam site).

i. Tanner

EMERGENCY RESPONSE PLAN (Tanner WTP Operations Plan)

In general, the Tanner Water Treatment Plant has considerable redundancy built in to it because of multiple treatment units and pumps. However, there are a number of elements that could severely effect the operation of the plant. However, there is no duplicate computer so in the event of a failure of the process server or I/O cards, the plant would have to operate in a manual modem while repairs are made.

Computer Problems.

The Water Agency will have on hand a spare processor and spares for all four I/O cards. In addition, at least one back-up computer and disk with the current program on it will be maintained in a safe location. A trained instrument technician will always be available to download or reload the program into the replacement processor, or make programming adjustments as necessary.

Power Failure.

The plant does not have a stand-by generator, nor is there much emergency storage available, particularly during the peak summer months. In the event of a power outage, PG&E should be contacted immediately to estimate the duration of the outage. If it appears that the outage will last long enough such that the storage volume required for chlorine contact at the existing flow, temperature, and chlorine residual will be encroached upon, the District's emergency notification plan should be implemented to advise people of the emergency, and the need to restrict water consumption. If the outage is localized to the plant, check all breakers located on the control panel and the main breaker located in the Ridge Pump Station building.

Raw Water Quality Problems.

Any abnormal change in the appearance in the water in the raw water reservoir, such as foaming, hydrocarbon sheen on the surface, dead fish, discoloration, unusual smell, or an increase in coliform concentrations, should be immediately investigated, and the raw water reservoir kept isolated until the source of the problem has been identified and the raw water is determined to be safe.

Cl₂ Feed Failure.

It is highly unlikely that a chlorine feed failure could lead to an inadequate chlorine concentration in the treated water reservoir because of the low chlorine residual alarm which shuts off the plant before inadequately disinfected water can reach the treated water reservoir. In responding to a low chlorine residual alarm, the plant should be left off until the extent of the problem is known. The problem is most likely the result of one or more of the following: the chlorine feed rate is simply too low wither because of an increased chlorine demand in the filtered water or improper setting of the dose; the chlorine residual analyzer may need calibration; failure of the injector water supply; malfunction of the gaseous chlorine regulator of feeder; empty chlorine cylinder; broken gas or chlorine solution line; electrical or instrumentation control system malfunction.

Once the problem has been diagnosed and corrected, the plant can be placed back online. If it is necessary to operate the plant before the chlorine feed system has been repaired it will be necessary to add sodium hydrochloride solution directly to the filter effluent sump by opening the access hatch and adding a measured amount of sodium hypochlorite solution to the incoming flow. This procedure can be followed for several hours, but if it becomes necessary to operate in this manner for an extended period of time, a temporary sodium hypochlorite injection system should be installed by using a solenoid pump mounted directly on top of a drum of sodium hypochlorite solution, with the discharge piped with plastic tubing to the effluent filter sump. The Health Department should also be notified. Sufficient chlorine should be injected to maintain a residual well above that needed for the required CT.

Sodium hypochlorite is available from the Sierra Chemical distribution center in Tracy, as indicated in Table 4. In an emergency, chlorine bleach available from any market can be used until NSF approved sodium hypochlorite can be obtained from Sierra Chemical. The lead operator or Operations Superintendent should be contacted by phone or pager (see list below) prior to utilizing sodium hypochlorite. The operator should also determine if there is adequate storage volume in order to wait until normal working hours. If it is necessary to feed hypochlorite, a spare feed pump and graduated tank are kept in the plant, but sodium hypochlorite will have to be purchased as mentioned above. Small quantities are kept on hand for La Mel Heights pump station and Gayla Manor Wastewater Treatment Plant. To maintain a chlorine residual of 2 mg/l at a plant flow rate of 1,000 gpm, 4.5 ounces of 12% sodium hydrochloride would have to be added to the filter sump every five minutes. If a solenoid pump is used under the same conditions, the discharge should be set at 24 gallons per day.

An emergency response plan is located in the appendix along with a notification list.

Sudden Rise in Turbidity in Filtered Water. If the treated water turbidity rises, first an alarm will alert the operator to the problem, followed with a plant shut down. If the turbidity continues to rise, operators attention is directed to the following areas:

- ! Raw Water Conditions (possible changes)
- ! Chemical Feed Equipment (failure or low chemical level)
- ! Filter/Clarifier Condition (possible need for washing)
- ! Streaming Current Monitor (failure/operating properly)
- ! Turbidity Analyzers (operating properly)

Contact lead operator or Operations Superintendent for assistance.

Fires. Contact the Fire Department immediately or dial 911.

Chemical Spills. Call the Water Agency's hazardous materials team regarding chemical spills; Chris Mckeage or Doug Yardley. Never enter an area, such as a chlorine room, where a spill has occurred without a standby person and proper breathing equipment and protective clothing.

Name	Title	Work	Home
Chris Mckeage	Operations Manager	209-257-5248	209-296-5090
Doug Yardley	Water Supervisor	209-257-5233	209-267-1243

ii. Buckhorn

EMERGENCY NOTIFICATION PLAN

Amador Water Agency
12800 Ridge Road, Sutter Creek Ca 95685
209-223-3018

The following personnel can be contacted in case of an emergency.

NAME & GRADE LEVEL	OPERATOR NO.	WORK PHONE #	HOME PHONE #
McKeage, Chris – IV	14106	209-257-5248	209-267-5090
Yardley, Doug – IV	19369	209-223-3018	209-267-1243
Wycoff, Damon – III.	12167	209-223-3018	209-267-0391
Mottishaw, Joel- IV	25948	209-223-3018	209-257-1238
Birge, Barry - IV O.C.	09572	209-257-5252	209-304-0858
Patrick Purnell – Instrument Technician		209-257-5270	707-421-8531

The Amador Water Agency has a 24-hour answering service and always has at least two (2) employees on emergency standby duty. These operators respond to system, plant, watershed and/or any other emergencies associated with water quality or delivery.

The following suppliers can be contacted for information on parts, repairs, or orders on chemicals or equipment.

COMPANY NAME	CHEMICAL/EQUIPMENT	TELEPHONE NUMBER
Olin	Caustic Soda and Sodium Hydroxide	209-835-5423
Hach Company	Instrumentation & Buffers	800-227-4224
Sweetwater Co.	Polymer & Zinc OrthoPhosphate	714-472-6020
Wallace & Tiernan	Chlorinator & Chemical Feed Pumps	415-676-2733
Borges & Mahoney	Chlorinator & Chemical Feed Pumps	707-643-3300

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Immediately available 0-15 minutes
2. Door to Door and or by loudspeaker- verbal communication or written door tags/
Immediately available 0-2 hours
3. Notify Local Law enforcement –Amador County Sheriff
Immediately available
4. Extreme Cases would utilize a variety of Sacramento Radio and TV Stations.
Selections would be made when needed from the Sacramento Phone Book.
5. Other recourses would include our office staff @ 209-223-3018 and our answering
Service- Volcano Telephone @ 296-6518

Report prepared by:
Chris McKeage

March 10, 2009

Signature and Title

Date

Please use this area for your notification plan: (use additional sheets of paper if needed)

B. Disaster Response Plan

Potential water supply emergencies include a variety of scenarios including:

- Loss of Power
- Disinfection Failure
- Chemical Leak
- Loss of Raw Water Supply
- Maximum Contaminant Level (MCL) Failure
- Loss of Distribution Pressure (less than 20 psi)

Loss of Power:

A new standby generator, including automatic transfer switch is provided to automatically provide backup power in the event of normal PG&E power failure. The unit includes an integral 200-gallon diesel fuel tank to provide over 24 hours run time under load conditions. Additional fuel can be ordered from local distributors on short notice. The generator, sized at 450 kW, provides sufficient capacity for running critical processes sufficient to produce and pump up to 2.0 mgd treated water.

The automatic transfer switch, integral within the motor control center (MCC), will automatically start the generator unit in the event of a normal utility power loss condition. A generator running event will be considered an alarm condition and the operators immediately alerted via the SCADA autodialer alarm system. The generator will be routinely exercised, on a weekly basis, as part of the normal generator preventative maintenance program.

Disinfection Failure:

Procedures for disinfection failure are outlined in the current Buckhorn Distribution Plan, on file at the Stockton office of the California Department of Health Services.

In general however, continuous monitoring of both the filtered water as it enters the treated water storage tanks and the plant effluent water as it enters the distribution system, should prevent insufficiently disinfected water from entering the distribution system. Continuous SCADA monitoring of the chlorine residual as it enters the storage tanks will shutdown the plant prior to filling the storage tanks with insufficiently chlorinated filtered water. A low chlorine residual condition in the membrane filtrate line will cause an alarm and plant shutdown. The plant operations staff will be notified by either audible alarm at the plant, or phone via SCADA autodialer.

Chemical Leak:

The following chemicals are stored in bulk at the Buckhorn water treatment facility:

Sodium Hypochlorite:	(2) 6,000 gallon tanks, diluted to 2% concentration.
Sodium Hydroxide:	50 gallon drums.
Zinc Orthophosphate:	50 gallon drums.

The sodium hypochlorite is stored within a lined concrete secondary containment structure with sufficient capacity to hold failure of one tank otherwise filled with 6,000 gallons of chemical.

The caustic and zinc feed systems are curbed on three sides with a trench style floor drain in front of the systems. A leak will drain through the floor drain system to the neutralization tank. Both chemical systems include weigh scales for the chemical drums. A drum leak will cause the drums to empty and initiate an alarm at via SCADA.

The CIP area is also completely surrounded by trench drains, which drain to the neutralization tank. This area is only used for mixing chemicals during the actual CIP procedure, anticipated to be needed only at approximately six month intervals. The CIP process is manual and therefore an operator will be present if a leak occurs.

Loss of Raw Water Supply:

Loss of raw water supply can be due to a lift station failure, at either Tiger Creek or Silver Lake Pines pumping stations, or a shutdown due to high raw water turbidity. A failure condition will be noted by one of two conditions:

- Failure alarm transmitted from the either of the two raw water pumping stations to the new treatment plant main Plant Control Panel.

- Low water level in the raw water surge control tank.

Section 6 of this plan provides a listing of the SCADA operating screens, nine of which are related specifically to providing information, status, help text, and alarm condition notification with respect to the two raw water pumping stations.

Existing on-line storage via tanks at the treatment plant site and throughout the distribution system will provide up to 24-hour emergency supply in the event of loss of raw water supply, depending on the time of year and system demands. In the event a loss of supply longer than this is anticipated it will be necessary to request public conservation to extend the allowable downtime until the source can be returned.

Maximum Contaminant Level (MCL) Failure:

The microfiltration membrane system was selected for its absolute rejection of particulates of 0.1 micron in size or greater, without the need for optimizing chemical coagulation, pH, etc. This filtration technology therefore limits the potential for process failures leading to an MCL failure. The following water quality process variables are continuously monitored, recorded and trended on the SCADA computer system:

- Filtrate turbidity, ntu

- pH

- Filtrate free chlorine residual

Plant effluent free chlorine residual

Should one of the above process variables exceed the desired parameters, the Plant Control Panel will initiate an alarm condition and if appropriate, a plant shutdown.

Loss of Distribution System Pressure:

Monitoring of the distribution system pressures, possible failure modes, and appropriate Agency emergency responses are covered in the current Distribution Plan on file at the Stockton office of the Department of Health Services.

As part of the new Buckhorn treatment facility design and construction, the water pressure of the treated water being pumped to Tank 'A' will be continuously monitored. The normal static pressure on the plant effluent line at the water plant will be approximately 70 psi. The normal dynamic pressure will be approximately 90 psi. The pressures will vary slightly based on the actual water levels in the storage tanks and the current flow rates at the given time. A pressure below the minimum static pressure of 70 psi will indicate a possible transmission line break, or failure of the high service pump check valves. A low-plant effluent line pressure will initiate a plant alarm condition for addressing by the operations staff.

Should a line break occur, once the situation is corrected the line will require flushing and a precautionary bacteriological sample taken. The information regarding the pressure loss is then recorded on the appropriate form from the Distribution Plan.

Please refer to the Emergency Notification (Distribution Plan) for a list of Agency, State, and County personnel to contact in the event of an emergency.

C. Emergency Disinfection Plan

System Overview:

Treated water disinfection is provided at the Buckhorn water treatment plant via liquid sodium hypochlorite chemical. Sodium hypochlorite is injected at the main membrane filtrate header. An inline static mixer thoroughly blends the hypochlorite with the full process stream prior to entering the two treated water storage tanks, which then provide the necessary chlorine contact time. An on-line HACH chlorine analyzer continuously monitors the membrane filtrate chlorine residual. The low residual alarm set point is operator adjustable and typically set at approximately 1.0 mg/l depending on the water quality characteristics (pH, temp, etc.) necessary to meet CT compliance requirements. The lag time between an injection failure and sensing at the analyzer is only approximately 2.2 minutes. The high residual set point is currently set at 3.0 mg/l.

Sodium hypochlorite is delivered to the site as 12.5 percent concentrated solution. The chemical is then diluted to approximately 2 percent concentration with treated water. The purpose of diluting the chemical

is to reduce the potential for air binding within the suction piping to the metering pump and the metering pump head itself.

Common sodium hypochlorite feed problems could include:

- air binding of metering pump head
- metering pump failure
- leaking fittings or gaskets
- plastic tubing failure
- loss of feed pacing signal

In the event that a disinfection failure does occur, plant operators will respond as follows:

1. Gather information
 - a. Take a grab-sample and determine free chlorine residual level.
 - b. Look at SCADA trends and determine the duration of underdosing.
 - c. Determine how far underdosed water may travel and in which directions.
2. Report facts to:
 - a. Water Production Supervisor (Doug Yardley)
 - b. Operations Manager (Chris McKeage)
3. Make repairs as soon as possible
4. A responsible party will make contact with California Department of Health Services at the Stockton office (209)948-3816 to discuss the issue and decide on mitigative measures. These measures could include additional Bac-T testing, system flushing, or public notification.

iii. Ione

AMADOR WATER AGENCY EMERGENCY NOTIFICATION LIST

	Contact	Work Number	Home Number	
Office of Emergency Services	Lynn Olson	223-6384	296-4766	256-3233
LAW ENFORCEMENT				
Amador Sheriff's Office	Jim Wegner	223-6500	916-761-1594	
Ione Police Department	Mike Johnson	274-2456	256-2456	
Jackson Police Department	Scott Morrison	223-1771		
Sutter Creek Police Department	J.Robert Duke	267-5646		
California Highway Patrol	Craig Harmon	223-4890	472-4168	
FIRE DEPARTMENTS				
Amador Fire Protection District		223-6391		
Dispatch	Tobie Edmund	530-647-5229	530-708-2724	
CDF - Ione Academy	Bill Cody	274-2426		
CDF - Pine Grove (CYA)	Todd Dorris	296-7591	296-4908	
CDF - Sutter Hill	Steve Huntington	267-5215	296-7313	
CDF - Zion	Lee Winton	296-4435		
FIRE DISPATCH - RADIO FREQUENCY		159.225		
Ione Fire Department	Ken Mackey	274-4548	274-2340	
Sutter Creek/Amador City Fire	Gary Sherrill	267-0285	267-5851	
	Ed Arata	267-5370	267-0717	
Jackson Vally Fire Protection District	Randy, Fire Chief	209-763-5848		
Sutter Amador Hospital		223-7500		
STATE & COUNTY OFFICES				
Dept of Water Resources (dams)	Michael Waggoner	916-227-4667		
After Hours	Larry Ford		530-637-4953	916-835-7064
	Mike Zumot	916-791-2505	916-761-0861	
Amador Co. Environmental Health	Mike Israel	223-6439	296-5611	
	Scott Meyer	223-6539	286-1136	
State Dept of Health Services	Joe Spano	948-3816	368-3391	
	Carl Lischeske	948-3878	916-756-6318	
	Dave Zuccaro	948-3879	916-393-0633	
UTILITIES				
PG&E - 800 468-4743	Randy Herbst	533-6060	475-4805	Rchd@pg3.com
800-468-4743	Karla	476-6437		
	Pager (alternate)	520-0166		
Tiger Creek	Don Marshall	295-2600		
Martell		223-5259 or 223-2300	cust. Service	
Cal Trans		948-7867		
Dept of Motor Vehicles (Jackson)		223-0976		
MEDIA				
Ledger Dispatch		223-1767		

SECTION 15

EMERGENCY PLANS- EMERGENCY RESPONSE PLAN

In general, the lone Water Treatment Plant has considerable redundancy built in to it because of multiple treatment units and pumps. However, there are a number of elements that could severely effect the operation of the plant. There is no duplicate PLC. In the event of a failure, the plant would have to operate in a manual mode while repairs are made.

15.1 PLC Problems

Tesco Controls, located in Sacramento, California, has a replacement PLC available with the lone Plant's programming notes on file. A trained instrument technician will always be available to download or reload the program into the replacement processor, or make programming adjustments as necessary.

15.2 Power Failure

The lone Plant has a mobile generator available for its use. The mobile generator is capable of running the entire plant, but there is not much emergency storage available, particularly during the peak summer months. In the event of a power outage, PG&E should be contacted immediately to estimate the duration of the outage. If it appears that the outage will last long enough such that the storage volume required for chlorine contact at the existing flow, temperature, and chlorine residual will be encroached upon, the District's Emergency Notification List (Appendix G) should be utilized to advise people of the emergency, and the need to restrict water consumption. The emergency generator would also be used at this time. If the outage is localized to the plant, check all breakers located on the control panel and the main breaker located in the Prison Pump Station building.

15.3 Raw Water Quality Problems

Any abnormal change in the appearance in the water in the raw water reservoir, such as foaming, hydrocarbon sheen on the surface, dead fish, discoloration, unusual smell, or an increase in coliform concentrations, should be immediately investigated, and the raw water reservoir bypassed until the source of the problem has been identified and the raw water is determined to be safe.

EMERGENCY PLANS- EMERGENCY RESPONSE PLAN (cont.)

15.4 Cl₂ Feed Failure

In responding to a low chlorine residual alarm, the plant should be left off until the extent of the problem is known. The problem is most likely the result of one or more of the following:

- Chlorine feed rate is too low, whether because of an increased chlorine demand in the filtered water, or improper setting of the dose.
- The chlorine residual analyzer may need calibration.
- Failure of the injector water supply.
- Malfunction of the gaseous chlorine regulator or feeder.
- An empty chlorine cylinder.
- Broken gas or chlorine solution line.
- Electrical or instrumentation control system malfunction.

Once the problem has been diagnosed and corrected, the plant can be placed back online. If it is necessary to operate the plant before the chlorine feed system has been repaired it will be necessary to add sodium hydrochloride solution directly to the filter effluent sump by opening the access hatch and adding a measured amount of sodium hypochlorite solution to the incoming flow. This procedure can be followed for several hours, but if it becomes necessary to operate in this manner for an extended period of time, a temporary sodium hypochlorite injection system should be installed by using a solenoid pump mounted directly on top of a drum of sodium hypochlorite solution, with the discharge piped with plastic tubing to the effluent filter sump. The Health Department should also be notified. Sufficient chlorine should be injected to maintain a residual well above that needed for the required CT.

Sodium hypochlorite is available from the Pioneer Chemical (see Table 9, Appendix A). In an emergency, chlorine bleach available from any market can be used until NSF approved sodium hypochlorite can be obtained from Sierra Chemical. The lead operator or Operations Superintendent should be contacted by phone or pager (see list below) prior to utilizing sodium hypochlorite. The operator should also determine if there is adequate storage volume in order to wait until normal working hours. If it is necessary to feed hypochlorite, a spare feed pump and graduated tank are kept in the plant, but sodium hypochlorite will have to be purchased as mentioned above. Small quantities are kept on hand for La Mel Heights pump station and Gayla Manor Wastewater Treatment Plant. To maintain a chlorine residual of 2 mg/l at a plant flow rate of 1,000 gpm, 4.5 ounces of 12% sodium hydrochloride would have to be added to the filter sump every five minutes. If a solenoid pump is used under the same conditions, the discharge should be set at 24 gallons per day.

An emergency notification list is located in Appendix G.

EMERGENCY PLANS- EMERGENCY RESPONSE PLAN (cont.)

15.5 Sudden Rise in Turbidity in Filtered Water

If the treated water turbidity rises, an alarm will alert the operator to the problem. If the turbidity continues to rise, operator's attention is directed to the following areas:

- Raw Water Conditions (possible changes)
- Chemical Feed Equipment (failure or low chemical level)
- Filter/Clarifier Condition (possible need for washing)
- Streaming Current Monitor (failure/operating properly)
- Turbidity Analyzers (operating properly)

Contact Lead Operator, Water Production Supervisor, or the Operations Manager for assistance.

15.6 Fires

Contact the Fire Department immediately or dial 911.

15.7 Chemical Spills

Call the Water Agency's hazardous materials team regarding chemical spills; Chris McKeage, Doug Yardley, and Bob Cone. Never enter an area, such as a chlorine room, where a spill has occurred without a standby person and proper breathing equipment and protective clothing.

Contact Name & Title	Work Phone #	Home Phone #	Pager #
Chris McKeage Operations Manager	209-257-5248	209-267-5090	209-987-2961
Doug Yardley Water Production Supervisor	209-257-5233	209-267-1243	209-987-2963
Joel Mottishaw Plant Operator III	209-274-2545	209-257-1238	209-987-2964
Tom Bunting Plant Operator III	209-223-3018	209-267-0391	209-987-2962

II. Emergency Contact List

AMADOR WATER AGENCY EMERGENCY NOTIFICATION LIST

	<i>Contact</i>	<i>Work Number</i>	<i>Home Number</i>	
Office of Emergency Services	Lynn Olson	223-6384	296-4766	256-3233
LAW ENFORCEMENT				
Amador Sheriff's Office	Jim Wegner	223-6500	916-761-1594	
Ione Police Department	Mike Johnson	274-2456	256-2456	
Jackson Police Department	Scott Morrison	223-1771		
Sutter Creek Police Department	J.Robert Duke	267-5646		
California Highway Patrol	Craig Harmon	223-4890	472-4168	
FIRE DEPARTMENTS				
Amador Fire Protection District		223-6391		
Dispatch	Tobie Edmund	530-647-5229	530-708-2724	
CDF - Ione Academy	Bill Cody	274-2426		
CDF - Pine Grove (CYA)	Todd Dorris	296-7591	296-4908	
CDF - Sutter Hill	Steve Huntington	267-5215	296-7313	
CDF - Zion	Lee Winton	296-4435		
FIRE DISPATCH - RADIO FREQUENCY		159.225		
Ione Fire Department	Ken Mackey	274-4548	274-2340	
Sutter Creek/Amador City Fire	Gary Sherrill	267-0285	267-5851	
	Ed Arata	267-5370	267-0717	
Sutter Amador Hospital		223-7500		
STATE & COUNTY OFFICES				
Dept of Water Resources (dams)	Michael Waggoner	916-227-4667		
After Hours	Larry Ford		530-637-4953	916-835-7064
	Mike Zumot	916-791-2505	916-761-0861	
Amador Co. Environmental Health	Mike Israel	223-6439	296-5611	
	Scott Meyer	223-6539	286-1136	
State Dept of Health Services	Joe Spano	948-3816	368-3391	
	Carl Lischeske	948-3878	916-756-6318	
	Dave Zuccaro	948-3879	916-393-0633	
UTILITIES				
PG&E - 800 468-4743	Randy Herbst	533-6060	475-4805	Rchd@pg3.com
800-468-4743	Karla	476-6437		
	Pager (alternate)	520-0166		
Tiger Creek	Don Marshall	295-2600		
Martell		223-5259 or 223-2300	cust. Service	
Cal Trans		948-7867		
Dept of Motor Vehicles (Jackson)		223-0976		
MEDIA				
Ledger Dispatch		223-1767		

AMADOR WATER AGENCY EMERGENCY NOTIFICATION LIST

MEDIA	Contact	Work Number	Home Number
Media One Cable	Maggie Toby Nightingale	754-0653 369-7451	fax 754-1410
Volcano Vision ::	Ray Crabtree	296-2288	
KCRA Channel 3 KXTV Channel 10 KQVR Channel 13 KHYL - FM 101 KFBX - AM 1530 News KYMx - FM 96.1 KGBY - FM 92.5	newstips@kcra.com	916 444-7321 916 441-2345 916 374-1300 800 413-2808 916 924-3901 916 441-5282 916 929-5325	FAX # 916 441-4050 916 447-6107 916 374-1304
SCHOOLS			
Amador County Unified Schools		223-1750	
Amador High School		257-7300	
Argonaut High School		257-7700	
Independence High School		267-5274	
Ione Elementary School		274-2152	
Ione Junior High School		274-2491	
Jackson Elementary		223-0450	
Jackson Junior High		223-1141	
Pine Grove Elementary		296-4618	
Pioneer Elementary		295-4870	
Plymouth Elementary		245-6912	
Sutter Creek Primary		267-5918	
Sutter Creek Elementary		267-5956	
Local Government			
Amador City	Aaron Brusatori Tim Knox	267-2276 (DISC) 267-0682	257-5050 (Disc) 267-1598
Drytown	Ed Kaffer Nancy Gibbs	245-6467 304-0940	245-4063 274-6480
Ione	Kim Kerr Steve Younger	256-5077 274-1689	574-6535 419-0625
Jackson	Max Godde	223-1646	296-3698
River Pines	Answering Service Franz Nadermann Lori Weir-Weber	223-1181 245-4593 245-4593	245-3660 245-4188
Sutter Creek Volcano CSD	George Christner Terry Grillo	267-5647 296-4888	267-0166 296-4888

AMADOR WATER AGENCY EMERGENCY NOTIFICATION LIST

AMADOR CANAL	Contact	Work Number	Home Number
Sierra Pine	Dave Baker Ed Struffenegger	223-7170	
John Bree (vineyard).	John Bree II John Bree I	481-2513 578-5502	223-1298 869-2208
IONE CANAL			
UNIMIN	Linda Smylie Pat Patterson Don Apedaile	274-2424	274-2659 223-2756
H.C. Muddox	David Hines	274-2453	223-0106
Preston School ::	Dan Kohler Frank Wilson	274-4771 274-8000	267-0310
Mule Creek State Prison	Doug Clark	274-4911 ext. 7760	
Mule Creek Direct Inward (EMERGENCY OPS CENTER)	Dial/PBX line Dedicated Trunk line Cell Phone FAX	274-5097 274-4864 610-9435 274-4861	
RIDGE CLUSTER SYSTEM			
Jackson Rancheria	Jack Treacy	223-1935	

AMADOR WATER AGENCY EMERGENCY NOTIFICATION LIST

CAWP DISTRICTS - Emergency Contact Personnel

	Contact	Work Number	Home Number
First Mace Meadow	Gary Glessner	295-4724	768-4019
	Don Jacobson	295-4833	
Pine Grove CSD	Russell Howard	296-7188	296-7418
	Robert Blair	296-8499	
	Roy Ragan	296-5822	
	Paul Johnston		296-3480
Rabb Park CSD	Gary Glessner		295-4724
	Don Jacobson		295-4833

Amador Water Agency Board Members

District 5	Terence W. Moore , President	245-6175
District 4	Debbie Dunn , Director	296-5435
District 3	Don Cooper, Director	295-1566
District 2	Gary Thomas, Director	274-4024
District 1	Bill Conrad , Vice President	257-1208



CAWP BOARD MEMBERS

Pine Grove Community Services District:

Title	Board Member	Contact Info
President	Robert Blair	296-8499
Vice President	Paul Johnston	296-3480
Financial Advisor	Jeannie L. Howard	296-3480
Director	Roy Ragan	296-5822
Director	Jay D. Ollig	296-1102
A.W.A. Rep	Debbie Dunn	296-5435

First Mace Meadow Water Association:

Title	Board Member	Contact Info
Director	Jeff Brown	295-1394/ 418-9035 cell
1 st Vice President	Art Weatherford	295-1789/ 510-882-8301 cell
2 nd Vice President	Jessica Fussell	295-3550/ 765-1124 cell
Treasurer	Luther Shore	295-6148
Director	Jim Rawlings	274-2920

Rabb Park Community Services District

Title	Board Member	Contact Info
President	Dutch Green	295-7422
Vice President	Evan Rohrer	295-8841
Director	Caroline Rohrer	295-8841
Director	Lim Howard	295-0630
Director	Michael Miller	295-5261

PAGER 987-0107

Amador County Water Purveyors

Amador Water Agency

Serves: 1. Amador Water System-Amador Canal, Amador City, lone, Sutter Creek
2. Pioneer: Pioneer/ Volcano Rd. East 88 to Buckhorn and Red Corral Rd., East to Mother Lode Acres
3. Ranch House Estates, Gayla Manor, Toma Lane and Jackson Pines
4. LaMel Heights
5. Pine Acres subdivision
6. Central Amador Water Project (wholesale)

Maintenance: 223-3018

Accounting: 223-3018

12800 Ridge Road. Sutter Creek, Ca 95685

City of Jackson

Serves: Jackson Canal System, Tanner diversion to Jackson Treatment Plant

Maintenance: 223-1646 Max Godde

Accounting: 245-6941

33 Broadway Jackson, Ca 95642

City Of Plymouth

Serves: Plymouth

Maintenance: 245-6941

Accounting: 245-6941

P.O. Box 429 Plymouth, Ca 95669

Drytown County Water District

Serves: Drytown

Maintenance: 245-6467 Ed Kaffer 245-3622 Home

Accounting: 245-4192 Nancy Gibbs

P.O. Box 234 Drytown, Ca 95699

Fiddletown C.S.D.

Serves: Fiddletown

Maintenance: 245-3117 Bill Easton 245-4351 Home

Accounting: 245-3117 Jane O'riordan

P.O. Box 35 Fiddletown, Ca 95629

Jackson Valley Irrigation District

Serves: Jackson Valley, Canal System

Maintenance: 274-2037 Emergency # 304-1173 Ty Felkins

Accounting: 274-2037

6755 Lake Amador Dr. lone, Ca 95640

Amador County Water Purveyors (cont.)

Kirkwood Meadows P.U.D.

Serves: Kirkwood Meadows
Maintenance 258-4444 Emergency #: 269-8668
Accounting: 254-4444
P.O. Box 247 Kirkwood, Ca 95646

First Mace Meadow Water Association

Serves: Mace Meadows Units 2-7
Maintenance: 295-4833 Don Jacobson or 295-4149 Gary Hammonds
Accounting: M&M Bookkeeping 296-7500
P.O. Box 85 Pioneer, Ca 95666

Pine Grove C.S.D.

Serves: Pine Grove (Excluding Pine Acres, see Amador Water Agency)
Maintenance: 296-7188 Russell Howard 296-7418 Home
Accounting: 296-7188 Rocki
P.O. Box 367 Pine Grove, Ca 95665

Rabb Park C.S.D.

Serves: Pioneer at Rabb Park (Antelope Dr. Area)
Maintenance 295-4621 Frank Denney 295-4833 Don Jacobson or 295-4149 Gary Hammonds
Emergency 295-4833
Accounting: M&M Bookkeeping 296-7500
P.O. Box 337 Pioneer, Ca 95666

River Pines P.U.D.

Serves: River Pines, Pine Lodge
Maintenance: 245-6723 Emergency #: 304-2691 Greg Guina
Accounting: 296-7500 M&M Bookkeeping
P.O. Box 144 River Pines, Ca 95675

Volcano C.S.D.

Serves: Volcano
Maintenance: 296-3333 Meg Gottstein 296-4979 office
P.O. Box 72 Volcano, Ca 95689

Willow Creek Ranch H.A.

Serves: Willow Creek Ranch (Carbondale off Highway 16)
Maintenance: 245-4546 Gary Johnson 245-3633 Grant Vogel
P.O. Box 1000 Plymouth, Ca 95669

Willow Springs Water District

Serves: Willow Springs (Willow Springs Rd. South of Highway 16)
Maintenance: 245-6996 Ray Mason
Accounting: 245-6996
7775 Old Sacramento Rd Plymouth, Ca 95669

III. *Auto Dialer*

MASTER CALL OUT & AUTO DIALER INFORMATION

Amador Water Agency Office	223-3018		
Chris McKeage- Operations Mgr.	267-5090 hm	257-5248 wk	304-5489 cell
Volcano Answering Service	296-8668	296-1105 (fax)	

AWA ELECTRICAL/INFO TECH	Home Phone	Pager	Cell Phone
Patrick Purnell	707-421-8531		707-685-3868
Jim Fox			304-1627
Phil Failers	267-1992		304-0800
Mike Dubois	296-1231	987-2961	
Mitch Netto			916-505-6864

SCADA ALARM SYSTEM:			
Put in ID Code 001, Pin 3018: Acknowledge (9), Disconnect (0)			Office Use
Put in ID Code 002, Pin 3131: Acknowledge (9), Disconnect (0).			Operators Use

TANNER SHOP

Instructions:			
Calls coming in on the following phone numbers are to be passed on as follows below:			

257-5261	call Pat or Mitch	Zone 1	High Temperature - Server
	call Pat or Mitch	AC Power Fail	Server Room
	Call 911	Zone 3	Fire Alarm
	Call on-call Dist.	Zone 4	Intrusion

WATER TREATMENT PLANTS

Instructions:			
Calls coming in on the following phone numbers are to be passed on to Plant Operators			

295-5362	BUCKHORN	SCADA ALARM Voice Alerts	
	26723 Hwy 88	plant: 295-5325	

274-2740 SCADA NO. 1	Ione	SCADA ALARM Voice Alerts	
274-2545 (Backup Alarm Sensaphone)	521 Foothill Blvd	plant: 274-2545	
274-2536 (Backup Alarm) SCADA NO. 2		voice alert	
		Alert 1	General - various
		Alert 2	Prison Tank Low
		Alert 7	Fire Detection

296-3342	La Mel	plant: 296-3342	
		Alert 1	Low Storage Tank
		Alert 2	High Storage Tank
		Alert 3	Low Flow
		Alert 4	Low PSI Distribution
		Alert 5	Low Suction
		Alert 7	Low Tank
		Alert 8	pH Hi/Low Alarm

295-2670	PG&E Plant Tiger Creek		Voice Alerts
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245-4987	Plymouth Plant		Voice Alerts
(To acknowlege press "9" at tone)			

WATER TREATMENT PLANTS CONTINUED

267-9136	Tanner Plant		
		Alert 3	All the alarms
		Alert 4	Chlorine Pump Fail
		Alert 5	A.T.L.- Call Canal Operators
		Alert 6	Ridge LS Gen SCADA - Call WW
		Alert 7	Fire Detection
		Alert 8	Intrusion Alarm
296-2330	Volcano		
		Alert 1	Low CL2
		Alert 2	High CL2
		Alert 3	High High NTU
		Alert 4	High NTU

267-1398	Canal By-Pass Pump Station		Call Canal Operators
		Alert 1	Pump Fail
		Alert 2	Low Level
		Alert 3	High Level
		Alert 4	Shock Relay
		Electricity Off	Power Failure

Plant Operators Phone Numbers

Plant Operators:	Home	Pager	Cell Phone
Doug Yardley	267-1243	987-2312	418-5721
Damon Wyckoff	223-2774	987-2895	256-1748
Tom Bunting	267-0391		418-5086
Joel Mottishaw	257-1238		304-1385
George Barnes	296-4688		256-0198

DISTRIBUTION ALARMS

Calls from the following phone numbers are to be passed on to **Distribution Operators**

763-5158	ID #7 - Camanche		
		Alert 1	Low Tank Levels
		Alert 2	Low PSI (6-8)
		Alert 3	Lift Station D (High Lev)
		Alert 4	Chlorine Interlock
		Alert 7	Server Room High Temp- Call Pat
		Alert 8	Intruder Alert

763-2827 Fax	#7 - Camanche SCADA		
		Alert 1	High Level
		Alert 2	Pump 1 Fail
		Alert 3	Pump 2 Fail, Power Fail

Distribution Operators Phone Numbers

Distribution Operators	Home Phone	Pager	Cell Phone
On-Call Distribution Cell Phone			969-3021
Lance Roberts	296-2711		217-7538
Michael Thompson			304-4978
Dennis Larson	293-7302	987-0184	
Reggie Cold	274-6791	987-2303	
Nick Lawson	296-2132	987-2308	304-7628
Mike Grassi	530-626-4290		
Nick Tamantini	223-3841		256-5001
Marty McNew	415-717-0038	987-2967	

WASTEWATER ALARMS

Calls from the following phone numbers are to be passed on to Wastewater Operators

295-5349	Fairway Pines Lift Station	Alert 1	High Level or Power Fail
296-1299	Gayla Manor Plant	Alert 1	High Temperature
		Alert 3	High Effluent Tank Level
		Alert 4	High Recirc. Tank level or Power Fail
296-8734	Gayla Manor Lift Station	Alert 1	High Level
		Alert 2	Low Level
296-5927	Jackson Pines #1 (by road)	Alert 1	High Level or Power Fail
296-5924	Jackson Pines #2 (in back)	Alert 1	High Level or Power Fail
295-2359	Tiger Creek Estates Lift Station	Alert 1	High Level or Power Fail
763-2851	Lift Station Site A - Camanche	Alert 1	High Level
763-5326	Lift Station Site B - Camanche	Alert 2	High Level
		Alert 3	Power Fail
763-2897	Lift Station Site C - Camanche	Alert 1	High Level
763-5106	Lift Station Site D - Camanche	Alert 1	High Level
		Alert 2	Low Level
223-5031	Lift Station #1 - Wal-Mart, K-Mart	Alert 1	Walmart High Level
		Alert 2	Lift Station 1 High Level
		Alert 3	Kmart High Level/Power fail
223-3785	Lift Station #2- Across from Panda House	Alert 1	High Level

WASTEWATER ALARMS CONTINUED

223-3128	Lift Station - Ridge L.S. (Sierra West)		
		Alert 1/2	High Level
	General Alarm	Alert 2	Communication Fail
		Alert 3	Battery Connection
	General Alarm	Alert 4	Communication Alarm

223-3214	Boxcar Lift Station		
		Alert 1	High/High
		Alert 2	Low/Low
		Alert 3	Common Alarm
		Alert 4	Pump Fail
		Alert 5	Intrusion
		Alert 6	Generator Alarm
		Alert 7	High Temperature

245-3611	Plymouth WW	Alert 1	
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WASTEWATER PHONE NUMBERS

Wastewater Operators	Home Phone	Pager	Cell Phone
On-Call Waste Water Cell Phone			304-4638
Dave Loftis	295-7284	987-2306	419-1011
Anthony Stark			256-3292
Jerry Goshorn	296-4007	987-0178	418-8389
Lonny Brewster	274-2074	987-0228	
Manuel Soto			304-2600

****Auto-Dialers are acknowledged by pressing "555" on the telephone key pad within 4 seconds of end of alert message.***

*****Auto-Dialer for Plymouth is acknowledged by pressing "9" on the telephone key pad during the tone.***

Calls coming from any other source (ie: customer, sheriff, etc) should be relayed to the Distribution Operator On-call.

IV. Employee Contact

INTERCOM NUMBERS

TO CALL FROM OUTSIDE THE SYSTEM - DIAL 257 + EXTENSION

5264 -	ALARM PICK UP PHONE	5293 -	JOHN GRIFFIN
5243 -	ANDREA BALDWIN		
5236 -	ANN BARRE	5234 -	KAREN GISH
5272 -	ANTHONY STARK	5265 -	KAREN - FAX LINE
5210 -	ANTHONY SUDDERTH	5209 -	KEN HUNT
		5296 -	KEN ZEHR
5252 -	BARRY BIRGE	5276 -	KEVIN GILLIAM
5249 -	BENNIE VINCIGUERRA		
5255 -	BOARD ROOM	5216 -	KREG MILLER
5208 -	BOB VALDEZ	5215 -	LANCE ROBERTS
5206 -	BRANDT COOK	5244 -	LINDA NAFUS
5230 -	CAROL BALOWSKI	5225 -	LISA HEIMEYER
5248 -	CHRIS MC KEAGE	5271 -	LONNY BREWSTER
5235 -	CINDY STILPHEN	5226 -	MARTY MC NEW
5240 -	CONFERENCE ROOM "A"	5207 -	MICHAEL LEE
5250 -	CONNIE FRITZ		
5268 -	CONNIE- FAX LINE	5229 -	MICHAEL THOMPSON
5238 -	CRIS THOMPSON	5275 -	MIKE DUBOIS
5284 -	DAMON WYCKOFF	5256 -	MIKE GRASSI
		5290 -	MIKE MUNSON
5217 -	DAVE LOFTIS	5211 -	MITCH NETTO
5237 -	DEBORAH VON LOEHR	5286 -	NICK LAWSON
5279 -	DENNIS LARSON	5228 -	NICK TAMANTINI
5273 -	DON HUTCHISON	5267 -	OPERATIONS DEPT. FAX
5233 -	DOUG YARDLEY/TANNER	5270 -	PATRICK PURNELL
5253 -	ELIZABETH SARAVIA	5223 -	PHIL JOSES
5257 -	ENG. CONFERENCE -TRAILER	5232 -	PHIL FAILLERS
5222 -	ENGINEERING DIRECT LINE	5214 -	RANDY RANDOLPH
5295 -	ENGINEERING - FAX LINE	5247 -	READY ROOM
5242 -	ERIK CHRISTESON	5289 -	REGGIE GOLD
5281 -	FAX LINE - MAIN OFFICE	5224 -	ROB POTTS
5245 -	GENE MANCEBO	5287 -	SEAN HINTON
5227 -	GEORGE BARNES	5255 -	SETH KARSCHNER
5258 -	JAMES BRANNON	5246 -	SHOP PHONE LINE
5277 -	JERRY GOSHORN	5213 -	STACEY LOLLAR
5241 -	JIM ABERCROMBIE		
5239 -	JIM CONF. PHONE	5231 -	SUE TEARPAK
5266 -	JIM FOX	5218 -	SUSAN JAUCH
		5297 -	TAMMY HEBRARD
5274 -	JOEL MOTTISHAW	5288 -	TOM BUNTING

To dial in to pick up messages, first dial your direct number (257- ____). When your greeting begins, enter 81. The system will ask for mailbox (this is your extension #) and for a password. The default password is your extension number also, until you change it. You will be able to check messages from any phone including your home phone; it doesn't need to be part of the office system. If you have any questions or need help in getting your voice mail set up, see Cindy in the office.

alphabetical

RADIO CALL NUMBERS	
ANTHONY	29
BARRY	6
BENNIE	19
BOB V.	36
BRANDT	37
CHRIS	1
CONNIE	12
DAMON	35
DAVE	17
DENNIS	31
DON	13
DOUG	7
ERIK	26
GENE M.	21
GEORGE	8
JAMES	23
JERRY	32
JIM F.	55
JOEL	30
JOHN G.	45
KEN H.	38
KEN Z.	18
KEVIN	10
KREG	20
LANCE	16
LONNY	27
MANUEL	39
MARTY	51
MICHAEL T.	5
MIKE D.	28
MIKE G.	22
MIKE M.	40
NICK L.	9
NICK T.	43
PAT	15
	59
PHILL F.	44
RANDY	25
REGGIE	33
ROB P.	42
SEAN	11
SETH	14
SUSAN	24
TOM B.	3
	2
	4
	34
	41
	46
	47
	48
	49
	50

numerical

RADIO CALL NUMBERS	
CHRIS	1
	2
TOM B.	3
	4
MICHAEL T.	5
BARRY	6
DOUG	7
GEORGE	8
NICK L.	9
KEVIN	10
SEAN	11
CONNIE	12
DON	13
SETH	14
PAT	15
LANCE	16
DAVE	17
KEN	18
BENNIE	19
KREG	20
GENE M.	21
MIKE G.	22
JAMES	23
SUSAN	24
RANDY	25
ERIK	26
LONNY	27
MIKE D.	28
ANTHONY	29
JOEL	30
DENNIS	31
JERRY	32
REGGIE	33
	34
DAMON	35
BOB V.	36
BRANDT	37
KEN H.	38
MANUEL	39
MIKE M.	40
	41
ROB P.	42
NICK T.	43
PHILL F.	44
JOHN G.	45
	46
	47
	48
	49
	50
MARTY	51
JIM F.	55
	59

V. Licensed Water Haulers

License #	Firm Name	Address	City	Zipcode	County	Work Phone
47265	Scott Houstons Potable Water	31485 Auberry Road	Auberry	93602	20	(559) 855-3430
84284	BEZAK LIQUID TRANSPORT	5062 W.WHITLOCK ROAD	MARIPOSA	95338	22	(209) 966-4244
84194	AQUARIAN	1700 HILLTOP DRIVE	WILLITS	95490	23	(707) 459-5680
84296	MARTIN E. MOYER	2181 ROAD B	REDWOOD VALLEY	95470	23	(707) 485-8591
84174	REDWOOD PRODUCTS	18877 NORTH HIGHWAY 1	FORT BRAGG	95437	23	(707) 964-9393
84333	Water Drop	2000 Redemeyer Road	Ukiah	95482	23	(707) 953-8374
84330	John and Linda Leneave	44770 Highway 395	Davis Creek	96108	25	(530) 233-2156
84287	VALLEY MOUNTAIN WATER	2816 SAN JUAN ROAD	AROMAS	95004	27	(831) 726-2009
46011	Pure Water Bulk	11265 Commerical Parkway	Castorville	95012	27	(831) 633-9333
84135	Sala Bros Water Trucking Inc.	1935 El Camino Real	Aromas	95004	27	(831) 726-3903
84335	QUICK RESPONSE PORTABLE TOILETS	731 S. AUBURN ST.	GRASS VALLEY	95945	29	(530) 273-7538
84380	JIMNI SYSTEMS, INC.	25295 CINNAMON ROAD	LAKE FOREST	92630	30	(949) 651-6041
84366	Brookstone Equipment & Services Inc.	43320 Business Park Drive, Suite B106	Temecula	92590	30	(951) 694-3373
84065	NORM PAUL, INC.	1101 SKYLINE DRIVE	AUBURN	95602	31	(530) 885-5760
84340	BRZ ENTERPRISES	447 Main Street	Quincy	95971	32	(530) 283-1010
84130	KENNY SCHOBERT TRANSPORT, Inc.	46750 Rainbow Canyon Road	Temecula	92592	33	(951) 506-9944
44314	Marc Smit	3545 Hillside Avenue	Norco	92860	33	(951) 415-8210
84315	MACK'S WATER TRUCKS	39220 GRAY SQUIRREL ROAD	TEMECULA	92592	33	(951) 302-0748
84173	MICHELLE'S AAA EQUIPMENT RENTALS, INC.	17310 MOCKINGBIRD CANYON ROAD	RIVERSIDE	92504	33	(951) 780-5598
84371	MFG'S CONSULTING SERVICE LLC	705 SOUTH STATE STREET	HEMET	92543	33	(909) 226-7912
84260	HEATH TRANSPORT, Inc.	12440 SAGE GROUSE LANE	MORENO VALLEY	92555	33	(951) 924-9383
48707	Patco Trucking Inc	3395 Luyung Drive	Rancho Cordova	95742	34	(916) 851-1766
48244	George's Water Services	23732 Monolith Street	Lucerne Valley	92356	36	(760) 248-2872
84316	R C WATERWORKS	9481 MARIPOSA ROAD	HESPERIA	92345	36	(760) 272-8167
48783	3 D Water Works, Inc.	15539 Joshua Street	Hesperia	92345	36	(760) 948-3505
48296	Cool Springs Water	10648 Calada Road	Lucerne Valley	92356	36	(760) 248-2583
84270	CAMERON WATER TENDERS, INC.	8333 ALMERIA AVENUE	FONTANA	92335	36	(909) 428-3833
80458	Mountain Water Company	41472 McWhinney Lane	Big Bear Lake	92315	36	(909) 866-4765
48223	A-1 Got Water & Gotta Dump	36136 Smokebush Road	Lucerne Valley	92356	36	(760) 810-3735
48222	#1 Moore Water Service	11191 Joshua Road	Lucerne Valley	92356	36	(760) 247-9125
48219	L & S Water Delivery	49022 Quailbush Road	Johnson Valley	92285	36	(760) 364-1921
47651	Earthworks Trucks & Equipment	9481 Mariposa Road	Hesperia	92344	36	(760) 559-7111
43895	Niagara Bottling, LLC	2560 East Philadelphia Street	Ontario	91761	36	(909) 980-9493
46100	H 2 O 2 U	48974 MANZANITA DRIVE	JOHNSON VALLEY	92285	36	(760) 364-9262
84277	B. L. MURPHY	2409 WYNOLA ROAD	JULIAN	92036	37	(760) 765-0841
84329	AERO PURE WATER	916 EAST VICTOR ROAD	LODI	95240	39	(209) 333-9200
84063	B.J.J. COMPANY LLC	2431 E. MARIPOSA ROAD	STOCKTON	95205	39	(209) 941-8361
45357	Tiger Lines LLC	927 Black Diamond Way	Lodi	95240	39	(209) 334-4102
43425	BEAVER CREEK POTABLE WATER TRANSPORT	925 VISTA CERRO DRIVE	PASO ROBLES	93446	40	(805) 237-1500

License #	Firm Name	Address	City	Zipcode	County	Work Phone
80444	EARL ISING, INC	2252 RAILROAD AVENUE	LIVERMORE	94550	01	(925) 447-3717
84219	SPEEDY GONSOLIS POTABLE WATER	14530 MARILYN LANE	PIONEER	95666	03	(209) 295-7129
84095	BREMNER ENTERPRISES	9457 RIVER ROAD	CHICO	95928	04	(530) 345-3771
84054	BEN PORTA SHOWERS	720 COLUSA HIGHWAY	GRIDLEY	95948	04	(530) 846-4110
84044	RICKABY FIRE SUPPORT, LLC	1860 LOCUST STREET	GRIDLEY	95948	04	(530) 846-5165
84043	PARADISE SPRINGS PORT SHOWERS/WATER	1321 West 7th Street	Chico	95928	04	(530) 872-3416
84341	CRAIG DEWSNUP TRUCKING	179 LITTLE AVE.	GRIDLEY	95948	04	(530) 846-3116
84312	CLAYTON REGENCY M.H.P.	16711 MARSH CREEK ROAD	CLAYTON	94517	07	(925) 754-1434
84152	EL DORADO WATER & SHOWER SERVICE	5821 MOTHER LODE DRIVE	PLACERVILLE	95667	09	(530) 622-8995
84264	ABEL FIRE EQUIPMENT	4721 QUARRY CT.	PLACERVILLE	95667	09	(916) 715-6378
84045	AAA MOBILE SHOWERS AND EMERGENCY SEF	2000 CAMP NAUVOO ROAD	PLACERVILLE	95667	09	(916) 425-7952
84047	CAL ABEL	1921 LARSEN ROAD	CAMINO	95709	09	(916) 799-1059
43880	Cool Water	2852 Santa Claus Drive	South Lake Tahoe	96150	09	(530) 577-5046
84370	TOM'S EQUIPMENT RENTAL	6275 SOUTH ANCHOR AVENUE	ORANGE COVE	93646	10	(559) 626-4152
84139	GANDY-STALEY OIL COMPANY, INC.	630 EUREKA STREET	WILLOWS	95988	11	(530) 934-3168
84133	PURYEAR DOMESTIC WATER DELIVERY	422 SHALE LANE	KNEELAND	95549	12	(707) 443-4181
84360	Sidonies' H2O to Go	965 Redway Drive	Redway	95560	12	(707) 923-2551
84034	CLEAR WATER SUPPLY	963A Singley Road	Loleta	95551	12	(707) 443-6028
84199	RESOURCE UTILIZATION COMPANY	222 BIG ROCK ROAD/BOX 349	ORLEANS	95556	12	(530) 627-3484
84155	OASIS WATER DELIVERY	150 STAMPS LANE	ARCATA	95521	12	(707) 822-7127
84346	South Fork Mountain Spring Water Co.	5338 Hwy 36	Carlotta	95528	12	(707) 442-5794
23830	Triple AAA Waters Co	528 Railroad Street	Winterhaven	92283	13	(760) 572-0289
84027	EL OASIS WATER COMPANY, INC.	200 EAST MAIN STREET	WESTMORLAND	92281	13	(760) 344-3357
84002	D & M WATER COMPANY	1548 JONES STREET	BRAWLEY	92227	13	(760) 344-2100
84240	DOUG CLAIR, INC.	2547 LEISURE CIRCLE	BISHOP	93514	14	(760) 872-1741
84297	BLADES SERVICES LLC	1020 COUNTY LINE ROAD	RIDGECREST	93555	15	(760) 384-4949
84079	Kern Valley Portable Showers Inc.	8 Earl Pascoe Road	Wofford Heights	93285	15	(760) 376-2747
84275	TL's PORTABLE SINKS AND WATER TRUCK'S	3817 SECLUSION ROAD	LAKE ISABELLA	93240	15	(760) 379-2183
84349	Laramy Water Inc.	116 Baker St	Bakersfield	93305	15	(661) 324-4718
84128	ACTION PORTABLE SHOWERS	12018 SPRUCE GROVE ROAD	LOWER LAKE	95457	17	(707) 994-5068
47850	Glakeler	7195 Clinton Way	Lakeport	95453	17	(707) 263-5889
84257	FIRELINE SUPPORT SYSTEM LLC	556-325 KRAMER ROAD	BIEBER	96009	18	(530) 294-5787
84306	Blues Drinking Water	25781 N. PLAYER DRIVE	VALENCIA	91355	19	(661) 290-2806
84373	RAIN MAKER	12800 SIERRA HIGHWAY	AGUA DULCE	91390	19	(661) 298-5448
84273	CARSON WATER DELIVERY	32137 ANGELES FOREST HWY	PALMDALE	93550	19	(661) 269-1866
84382	ACTON WATER COMPANY	3375 COUNTRY WAY	ACTON	93510	19	(661) 269-5000
86170	LUNDE WATER DELIVERY	3370 Country Way	Acton	93510	19	(661) 269-5087
84347	Pacific Towboat & Salvage Co.	Pier D, Berth 35	Long Beach	90802	19	(562) 437-6098
84318	RMR WATER TRUCKS	32016 N. CASTAIC ROAD	CASTAIC	91384	19	(661) 257-3303

License #	Firm Name	Address	City	Zipcode	County	Work Phone
84015	BOW VALLEY AGRI-LAND SERVICES	14500 EL CAMINO REAL	ATASCADERO	93422	40	(805) 466-1468
84030	VTR, INC. DBA VALLEY TOOL RENTALS	870 NORTH MC MURRAY ROAD	BUELLTON	93427	42	(805) 688-7213
84323	AQUA TRUCK INC.	700 Thornwood	GOLETA	93117	42	(805) 455-0554
47042	Dockstader Enterprises	201 South Broadway	Orcutt	93455	42	(805) 345-9751
49140	Eagle Event Rescource, Inc.	4 Springs Ranch Hwy 154	Santa Barbara	93105	42	(805) 260-1239
84178	A-1 WATER SERVICE	567 CARLO DRIVE	GOLETA	93117	42	(805) 685-5000
84109	BAY AREA CORPORATION, INC.	13005 FIRCREST DRIVE	SAN MARTIN	95046	43	(408) 683-0500
49077	Harris Emergency Services	1109 Quail Meadow Drive	Mount Shasta	96067	45	(530) 926-5125
20075	BLAGGS FOOD SERVICE	21885 HIGHWAY 299 EAST, SUITE 10	BELLA VISTA	96008	45	(530) 549-5522
84290	J. T. LOGISTICS	10329 RITTS MILL ROAD	SHINGLETOWN	96088	45	(530) 474-3436
84190	PACKWAY MATERIALS, INC.	22244 CASSEL ROAD	CASSEL	96016	45	(530) 335-4197
84326	TERRY'S POTABLE WATER	1418 CURLY JACK ROAD	HAPPY CAMP	96039	47	(530) 493-2725
84176	SALMON MOUNTAIN FORESTRY	27120 SAWYERS BAR ROAD	SAWYERS BAR	96027	47	(530) 462-4655
84338	Robert L Will	28621 Sawyers Bar Road	Sawyers Bar	96027	47	(530) 462-4641
84325	EARL BRYANT	#3 ATTEBERY STREET	HAPPY CAMP	96039	47	(530) 493-2345
43202	Leras Potable Water Trucks	145 Alexander Valley Road	Healdsburg	95448	49	(707) 546-5797
84167	CASINI ENTERPRISES, INC.	22855 MOSCOW ROAD	DUNCANS MILLS	95430	49	(707) 865-2408
49187	Pearson Trucking	8925 Argonne Way	Forestville	95436	49	(707) 529-4426
84303	BUTCH CAMERON TRUCKING, INC.	1240 CENTURY COURT, SUITE A	SANTA ROSA	95403	49	(707) 546-0146
84285	BILL PARDINI TRUCKING INC.	150 Landing Way	PETALUMA	94952	49	(707) 763-3176
46205	Dempsey's Water Systems	1224 Reno Avenue, Suite O	Modesto	95351	50	(209) 572-1677
84372	DIETZ EQUIPMENT	9870 HIGHWAY 99 W	PROBERTA	96078	52	(530) 528-2105
49384	Wildfire LLC	20895 Walnut Street	Red Bluff	96080	52	(530) 527-9911
84377	Angelo Dean Cattaneo Trucking	PO Box 1798	Hayfork	96041	53	(530) 628-9435
84266	ALLIED WATER SERVICE	122 TRINITY PINES DRIVE	HAYFORK	96041	53	(800) 432-1183
47291	Fisher Price	1 Fisher Price Road	Weaverville	96093	53	(530) 623-3426
47134	Ken Enns	1731 Theta Court	Porterville	93257	54	(559) 731-7981
84189	SEQUOIA SPRINGS	1203 W. ZUMWALT	TULARE	93274	54	(559) 685-1900
84367	A W COULTER, INC.	23311 AVENUE 95	TERRA BELLA	93270	54	(559) 535-4831
84334	JOHNS TRANSPORT	2121 EAST GOSHEN AVE.	VISALIA	93291	54	(559) 732-2251
84138	S & R ENTERPRISES	19333 AVENUE 370	WOODLAKE	93286	54	(559) 564-3881
84112	CONTRACTOR'S SANITATION INC.	19667 AVENUE 256	EXETER	93221	54	(559) 592-4402
84288	MOUNTAIN HOME SPRINGS	33975 Globe Drive	Springville	93265	54	(559) 539-1100
84217	CASITAS MUNICIPAL WATER DISTRICT	1055 VENTURA AVENUE	OAK VIEW	93022	56	(805) 649-2251
47044	Valley Farm Transport	8656 Sparling Lane	Dixon	95620	57	(707) 678-4404
46206	H 2 Only LLC	96213 Foxglove Way	Brookings	97415	98	(541) 469-9029
48059	Willie Katin	1651 Pinecrest Drive	Grants Pass	97526	98	(541) 660-4158
48312	Ryan's Water Services LLC	7880 NM 206	Portales	88130	98	(505) 264-0066
84160	BISHOP SERVICES, INC.	221 WEST MAIN STREET	GOLDENDALE	98620	98	(509) 773-4707

License #	Firm Name	Address	City	Zipcode	County	Work Phone
84374	JEFFERSON STATE PUMPING	11030 HIGHWAY 39	KLAMATH FALLS	97603	98	(541) 883-6912
84156	GRAYBACK FORESTRY INC.	1150 ORT LANE	MERLIN	97532	98	(541) 476-0033

VI. Water System Telephone Threat Checklist

Water System Telephone Threat Identification Checklist

In the event your water system receives a threatening phone call, remain calm and try to keep the caller on the line. Use the following checklist to collect as much detail as possible about the nature of the threat and the description of the caller.

1. Types of tampering/threat: <input type="checkbox"/> Contamination <input type="checkbox"/> Biological <input type="checkbox"/> Chemical <input type="checkbox"/> Threat to tamper <input type="checkbox"/> Bombs, explosives, etc. <input type="checkbox"/> Other (explain):
2. Water system identification: Name: Address: Telephone: PWS Owner or Manager's Name:
3. Alternate water source available: Yes / No If yes, give name and location:
4. Location of tampering: <input type="checkbox"/> Distribution Line <input type="checkbox"/> Raw Water Source <input type="checkbox"/> Other (explain): <input type="checkbox"/> Water Storage Facilities <input type="checkbox"/> Treatment Chemicals <input type="checkbox"/> Treatment Plant
5. Contaminant source and quantity:
6. Date and time of tampering/threat:
7. Caller's name/alias, address, and telephone number:
8. Is the caller (check all that apply): <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Foul <input type="checkbox"/> Illiterate <input type="checkbox"/> Well-spoken <input type="checkbox"/> Irrational <input type="checkbox"/> Incoherent

9. Is the caller's voice (check all that apply):

- | | | | | |
|----------------------------------|--------------------------------|-----------------------------------|----------------------------------|-------------------------------------|
| <input type="checkbox"/> Soft | <input type="checkbox"/> Calm | <input type="checkbox"/> Angry | <input type="checkbox"/> Slow | <input type="checkbox"/> Rapid |
| <input type="checkbox"/> Slurred | <input type="checkbox"/> Loud | <input type="checkbox"/> Laughing | <input type="checkbox"/> Crying | <input type="checkbox"/> Normal |
| <input type="checkbox"/> Deep | <input type="checkbox"/> Nasal | <input type="checkbox"/> Clear | <input type="checkbox"/> Lisp | <input type="checkbox"/> Stuttering |
| <input type="checkbox"/> Old | <input type="checkbox"/> High | <input type="checkbox"/> Cracking | <input type="checkbox"/> Excited | <input type="checkbox"/> Young |
- ☐ Familiar (who did it sound like?)
- ☐ Accented (which nationality or region?)

10. Is the connection clear? (Could it have been a wireless or cell phone?)

11. Are there background noises?

<input type="checkbox"/> Street noises (what kind?)	
<input type="checkbox"/> Machinery (what type?)	
<input type="checkbox"/> Voices (describe)	
<input type="checkbox"/> Children (describe)	
<input type="checkbox"/> Animals (what kind?)	
<input type="checkbox"/> Computer Keyboard, Office	
<input type="checkbox"/> Motors (describe)	
<input type="checkbox"/> Music (what kind?)	
<input type="checkbox"/> Other	

12. Call received by (name, address, and telephone number):

Date call received:

Time of call:

13. Call reported to:

Date/Time:

14. Action(s) taken following receipt of call:

VII. Notice of Spill or Overflow of Wastewater

NOTICE OF SPILL OR OVERFLOW OF WASTEWATER

1. DATE AND LOCATION OF SPILL:

DATE OF SPILL OR OVERFLOW: _____
DRAINAGE COURSE: _____
NEAREST DOWN STREAM ROAD CROSSING: _____
NEAREST CROSS STREET: _____

2. FACILITY TYPE: _____

3. CHARACTER OF WASTE: _____ UNTREATED _____ TREATED _____

4. ESTIMATED TOTAL VOLUME: _____ GALLONS
ESTIMATED FLOW RATE _____ GPM.

5. AGENCIES OR PERSON NOTIFIED:

COUNTY PWA: (209) 223-6429	DATE _____	TIME _____
COUNTY O.E.S. (209) 223-6384	DATE _____	TIME _____
STATE O.E.S. (916) 845-8911	DATE _____	TIME _____
CONTROL NO. _____		
CO. ENV. HEALTH: (209) 223-6439	DATE _____	TIME _____
RWQCB: (916) 464-3291	DATE _____	TIME _____

6. AGENCIES OR FACILITY (DOWNSTREAM) POTENTIALLY AFFECTED:

CAMANCHE RESEVOIR	
EBMUD: (209) 772-8208	NOTIFIED? YES _____ NO _____ N/A _____
OTHER: _____	NOTIFIED? YES _____ NO _____ N/A _____
OTHER: _____	NOTIFIED? YES _____ NO _____ N/A _____

7. METHOD USED TO CONFINE WASTE (For example, creating berm to hold spill material; blocking off entry into watercourse; etc. If answer is "none", you must explain why no measures were taken to contain waste.)

8. METHOD USED TO REMOVE AND DISPOSE OF WASTE

(If feasible, septic pumper/hauler may be called (295-7234 OR 298-7392).
Was material transported to pump station? YES _____ NO _____ N/A _____

9. CAUSE OF DISCHARGE OR SPILL (Explain in detail.)

- 10. RECOMMENDED CORRECTIVE ACTION(S) TO PREVENT FUTURE SPILLS**
(Explain in as much detail as possible, given information known at time of reporting. Include estimated time for completion of each task. Continue on additional page if necessary.)

Corrective Action	Estimated Completion Date

- 11. FAX IMMEDIATELY THE INITIAL INFORMATION TO SCOTT KRANHOLD**
(916) 464-4780

- 12. SEND THIS NOTICE OF SPILL TO: RWQCB ATTENTION: WENDY WYELS,**
11020 SUN CENTER DRIVE, #200, RANCHO CORDOVA, CA 95870-6114

- 13. SUBMITTED BY: _____ DATE _____**